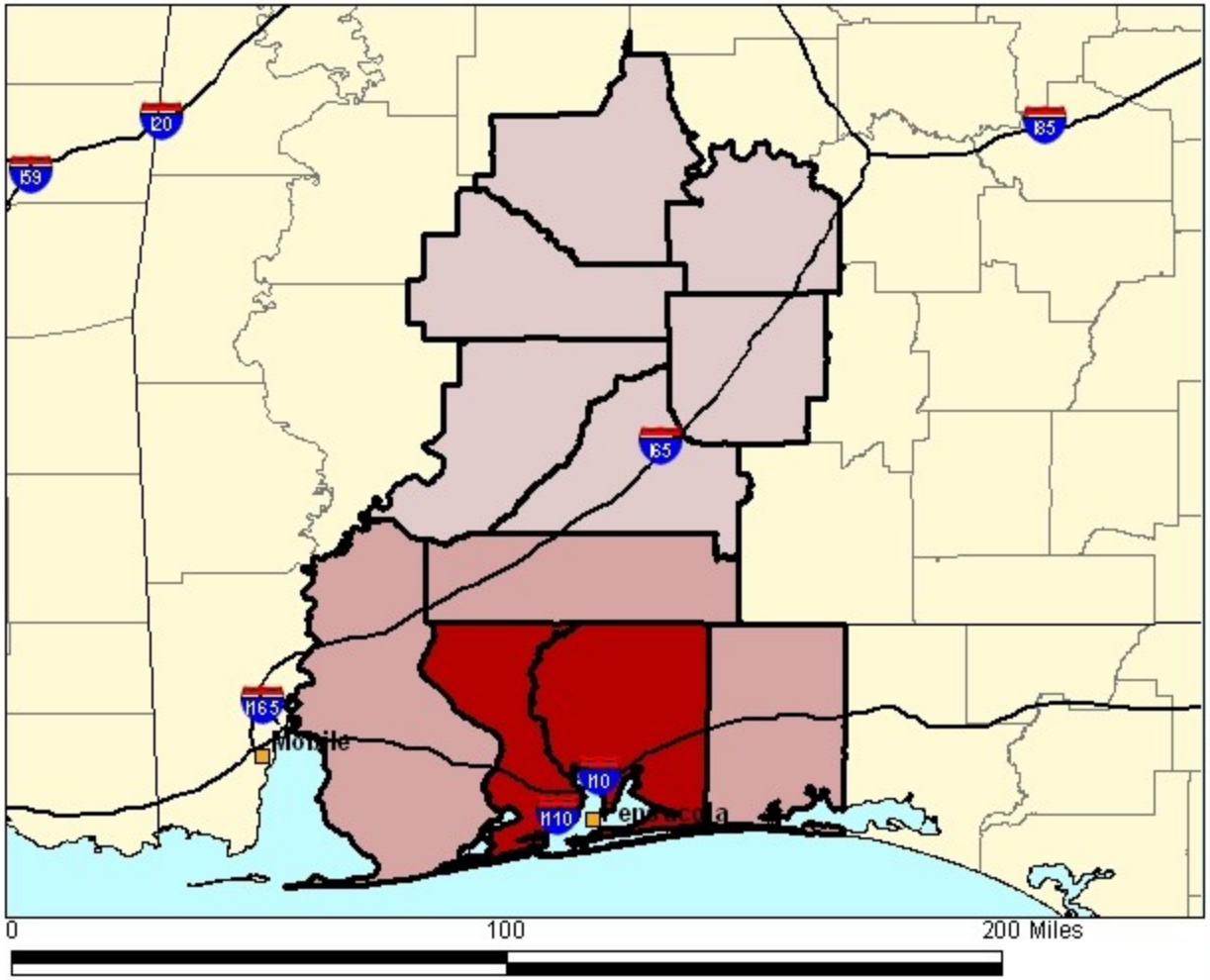
US Army Corps of Engineers

Hurricane Exercise Debris Model

Landfall Expected In About **4** Hours

For Official Use Only!



Post Landfall Debris Model Results

Florida - 10,081,000 Yards
Alabama - 319,000 Yards

Model results per county on following page

This model is based on a Category 3 storm making landfall near Pensacola, FL.

Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 3 storm making landfall near Pensacola, FL. These projections are based on information from the NHC (0830 EDT 06/05/2007) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

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US Army Corps of Engineers

Hurricane Exercise Debris Model

Landfall Expected In About **4** Hours

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State	Yards per State	County	Yards per County
Alabama		Baldwin	120,000
		Butler	< 1,000
		Conecuh	43,000
		Dallas	< 1,000
		Escambia	142,000
		Lowndes	< 1,000
		Monroe	12,000
		Wilcox	2,000
Alabama	319,000		
Florida		Escambia	6,879,000
		Okaloosa	125,000
		Santa Rosa	3,077,000
Florida	10,081,000		

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds.

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or contact ENGLink at 1-877-936-4546

Hurricane Exercise Debris Model

Generated By:
siemsen, LRL 0900 EDT 06/05/2007

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Exercise Population Model

Landfall Expected In About **4** Hours

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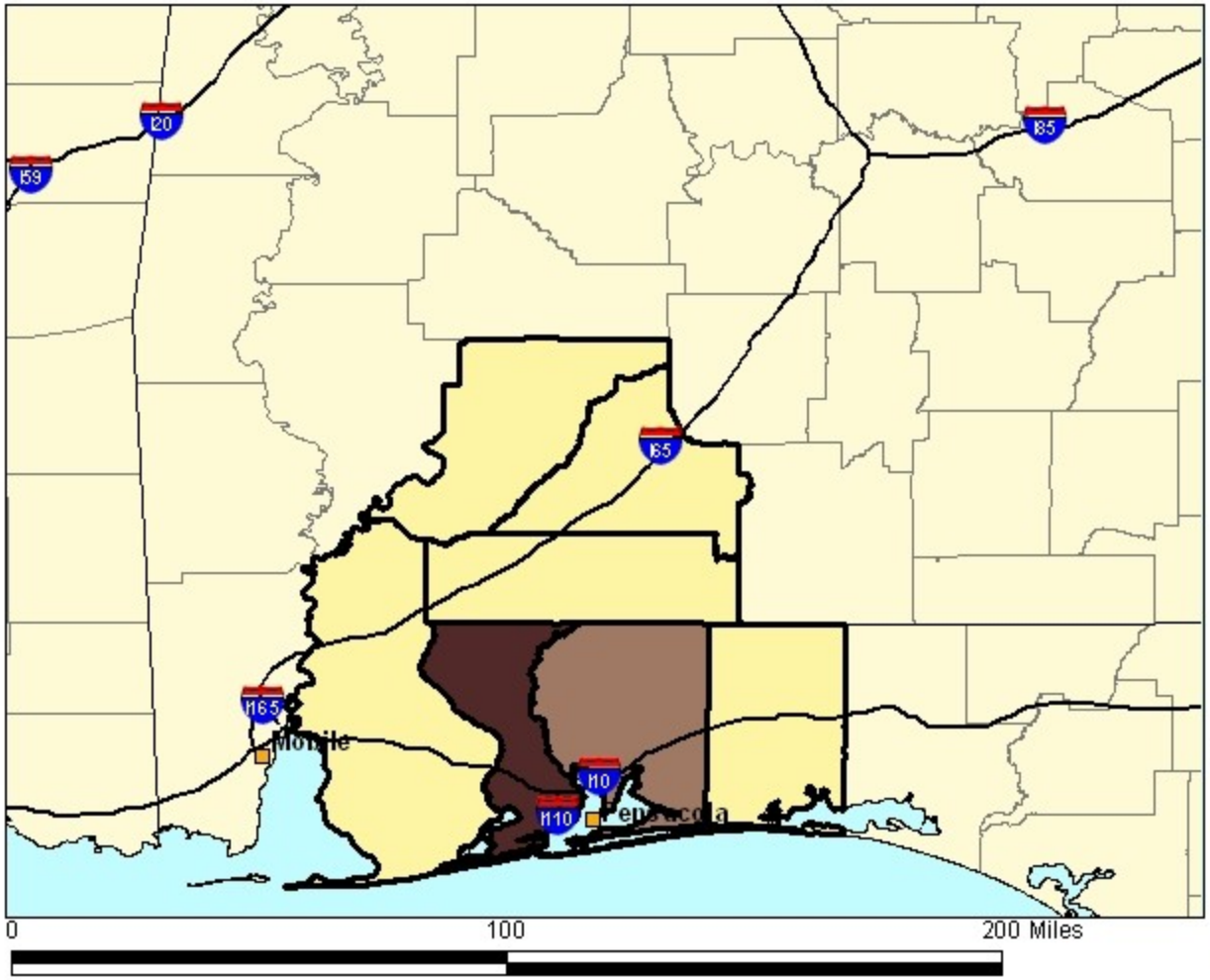

Post Landfall Population Model Results

Florida - 455,000
Alabama - 47,000

Model results per county on following page

This model is based on a Category 3 storm making landfall near Pensacola, FL.

Population

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 3 storm making landfall near Pensacola, FL. These projections are based on information from the NHC (0830 EDT 06/05/2007) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2005 values).

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

Hurricane Exercise Population Model	
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US Army Corps of Engineers

Hurricane Exercise Population Model

Landfall Expected In About **4** Hours

For Official Use Only!

State	Population per State	County	Population per County
Alabama		Baldwin	20,000
		Conecuh	7,000
		Escambia	18,000
		Monroe	2,000
Alabama	47,000		
Florida		Escambia	293,000
		Okaloosa	19,000
		Santa Rosa	143,000
Florida	455,000		

The number of persons estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2005 values.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

Hurricane Exercise Population Model

Generated By:
siemsen, LRL 0900 EDT 06/05/2007

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Exercise Households Model

Landfall Expected In About **4** Hours

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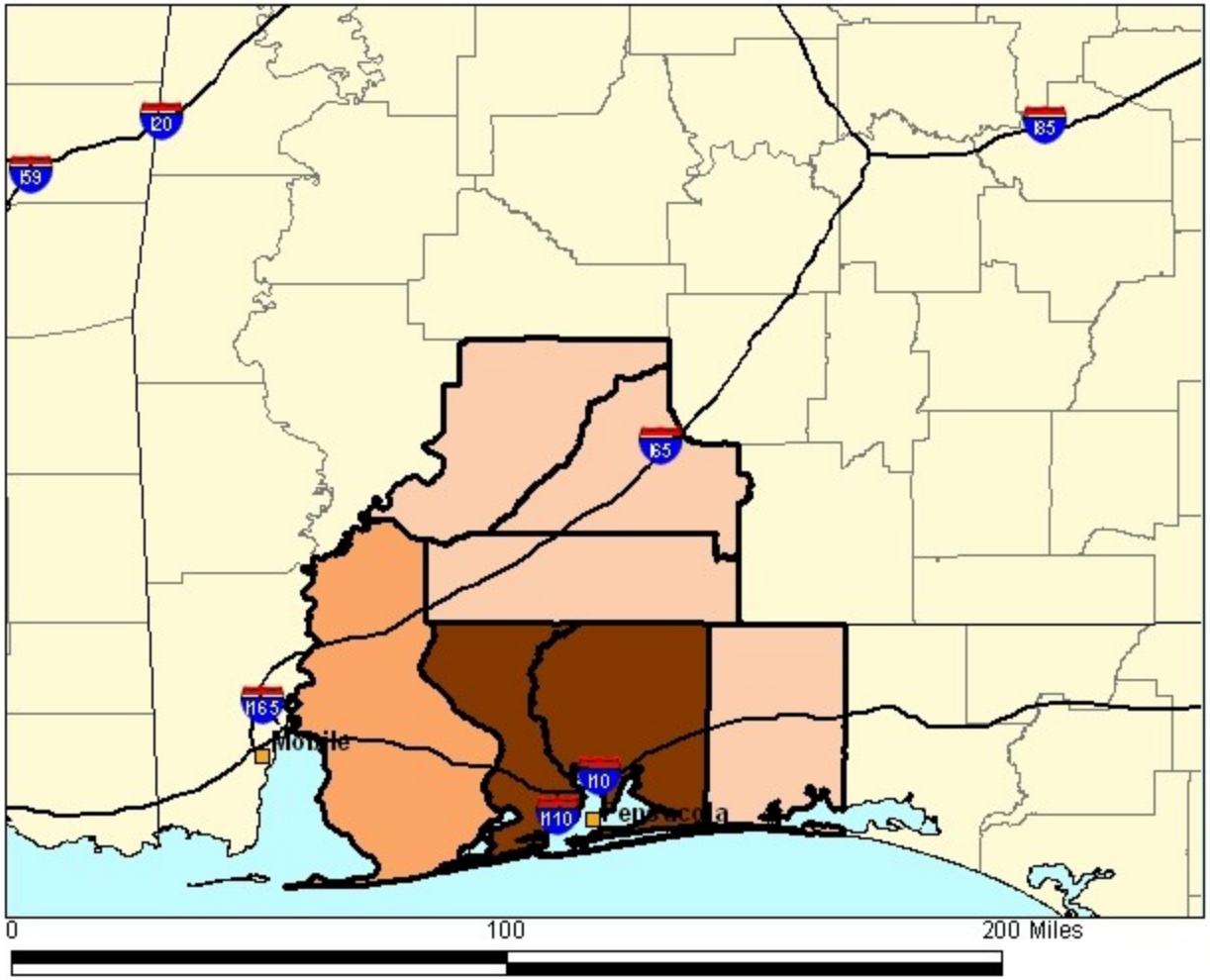

Post Landfall Households Model Results

Florida - 173,000
Alabama - 19,000

Model results per county on following page

This model is based on a Category 3 storm making landfall near Pensacola, FL.

Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50000 households

Information provided on this page displays a Category 3 storm making landfall near Pensacola, FL. These projections are based on information from the NHC (0830 EDT 06/05/2007) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2005 values).

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

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US Army Corps of Engineers

Hurricane Exercise Households Model

Landfall Expected In About **4** Hours

For Official Use Only!

State	Households per State	County	Households per County
Alabama		Baldwin	9,000
		Conecuh	3,000
		Escambia	7,000
		Monroe	< 1,000
Alabama	19,000		
Florida		Escambia	111,000
		Okaloosa	8,000
		Santa Rosa	54,000
Florida	173,000		

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2005 values.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

Hurricane Exercise Households Model

Generated By:
siemsen, LRL 0900 EDT 06/05/2007

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Exercise Commodities Model

Landfall Expected In About **4** Hours

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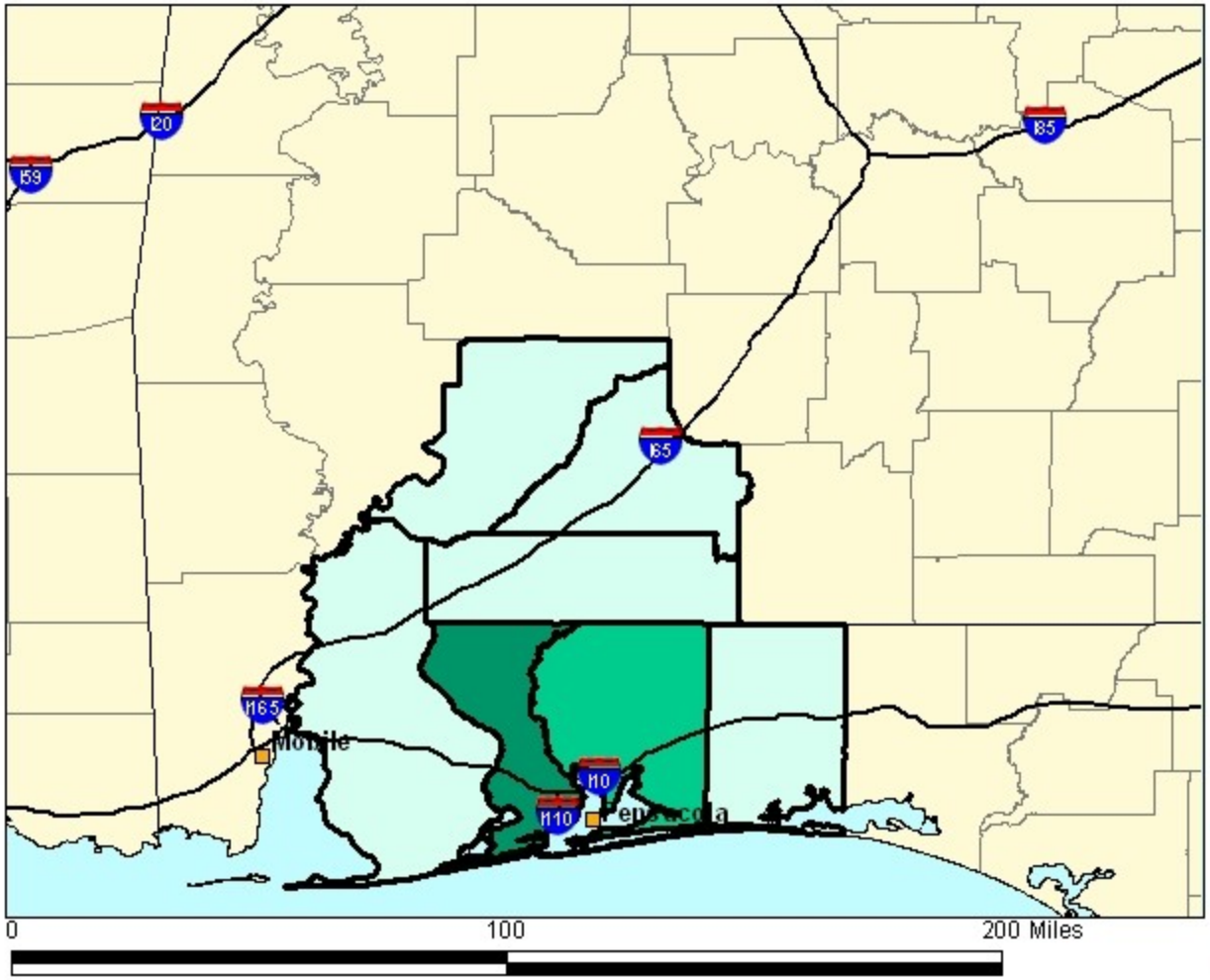

Post Landfall Ice/Water Model Results

Day One / Day Two / Day Three
FL – 38/38/38 Truckloads Each
AL – 2/3/6 Truckloads Each

Model results per county on following page

This model is based on a Category 3 storm making landfall near Pensacola, FL.

Commodities
- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Information provided on this page displays a Category 3 storm making landfall near Pensacola, FL. These projections are based on information from the NHC ***(0830 EDT 06/05/2007)*** forecast. The amount of commodities forecasted is based on Mission Guide Book requirements (8 pounds of ice per person per day) and SME input. The graphic represents single day needs with full distribution system in place and operating.
Details about this model may be obtained at **https://englink.usace.army.mil**
or contact ENGLink at 1-877-936-4546

Hurricane Exercise Commodities Model	
Generated By: siemsen, LRL 0900 EDT 06/05/2007	
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US Army Corps of Engineers

Hurricane Exercise Commodities Model

Landfall Expected In About **4** Hours

For Official Use Only!

State	Truckloads per State	County	Truckloads per County
Alabama		Baldwin	2
		Conecuh	1
		Escambia	2
		Monroe	1
Alabama	6		
Florida		Escambia	24
		Okaloosa	2
		Santa Rosa	12
Florida	38		

The amount of commodities forecasted is based on Mission Guide Book requirements (8 pounds of ice per person per day) and SME input and the above table indicates suggested needs based on phased deployment of a commodities distribution system. The assumption in this scenario is that 40% of the resident population affected by the hurricane will have power outage in this area and cause a need for ice and water.

Details about this model may be obtained at **https://englink.usace.army.mil**
or contact ENGLink at 1-877-936-4546

Hurricane Exercise Commodities Model

Generated By:
siemsen, LRL 0900 EDT 06/05/2007

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Exercise Temporary Housing Model

US Army Corps of Engineers

Landfall Expected In About **4** Hours

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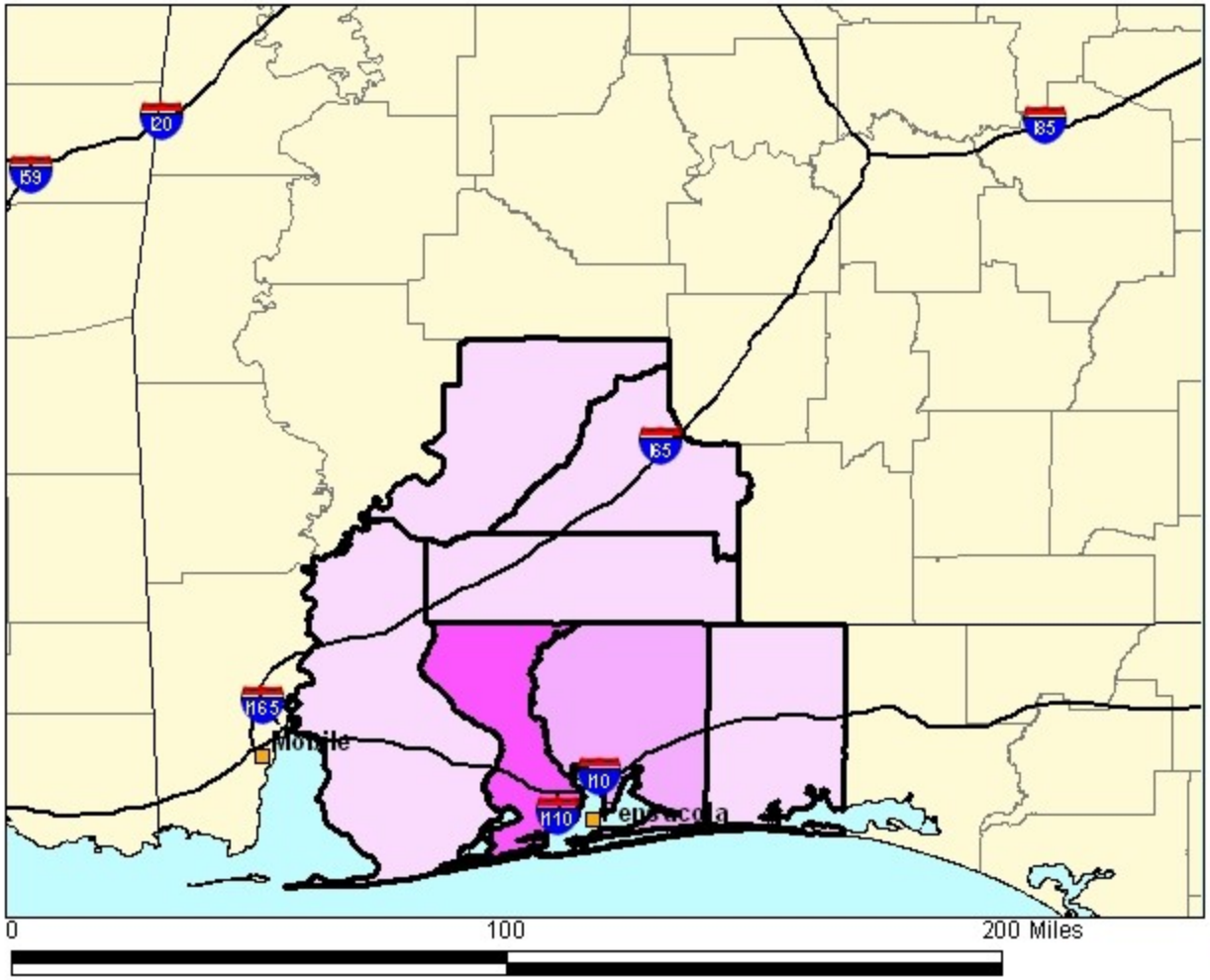

Post Landfall Temporary Housing Model Results

Florida - 6,700
Alabama - 400

Model results per county on following page

This model is based on a Category 3 storm making landfall near Pensacola, FL.

Temporary Housing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall near Pensacola, FL. These projections are based on information from the NHC (0830 EDT 06/05/2007) forecast. Temporary housing is based on 1% in CAT 1, 3% in CAT 2 and 5% in CAT 3.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

Hurricane Exercise Housing Model	
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US Army Corps of Engineers

Hurricane Exercise Temporary Housing Model

Landfall Expected In About **4** Hours

For Official Use Only!

State	per State	County	per County
Alabama		Baldwin	200
		Conecuh	< 100
		Escambia	200
		Monroe	< 100
Alabama	400		
Florida		Escambia	4,600
		Okaloosa	< 100
		Santa Rosa	2,100
Florida	6,700		

THIS IS AN EXPERIMENTAL MODEL!!

Temporary housing is based on 1% in CAT 1, 3% in CAT 2 and 5% in CAT 3.

Details about this model may be obtained at https://englink.usace.army.mil
or contact ENGLink at 1-877-936-4546

Hurricane Exercise Housing Model

Generated By:
siemsen, LRL 0900 EDT 06/05/2007

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Exercise Temporary Roofing Model

Landfall Expected In About **4** Hours

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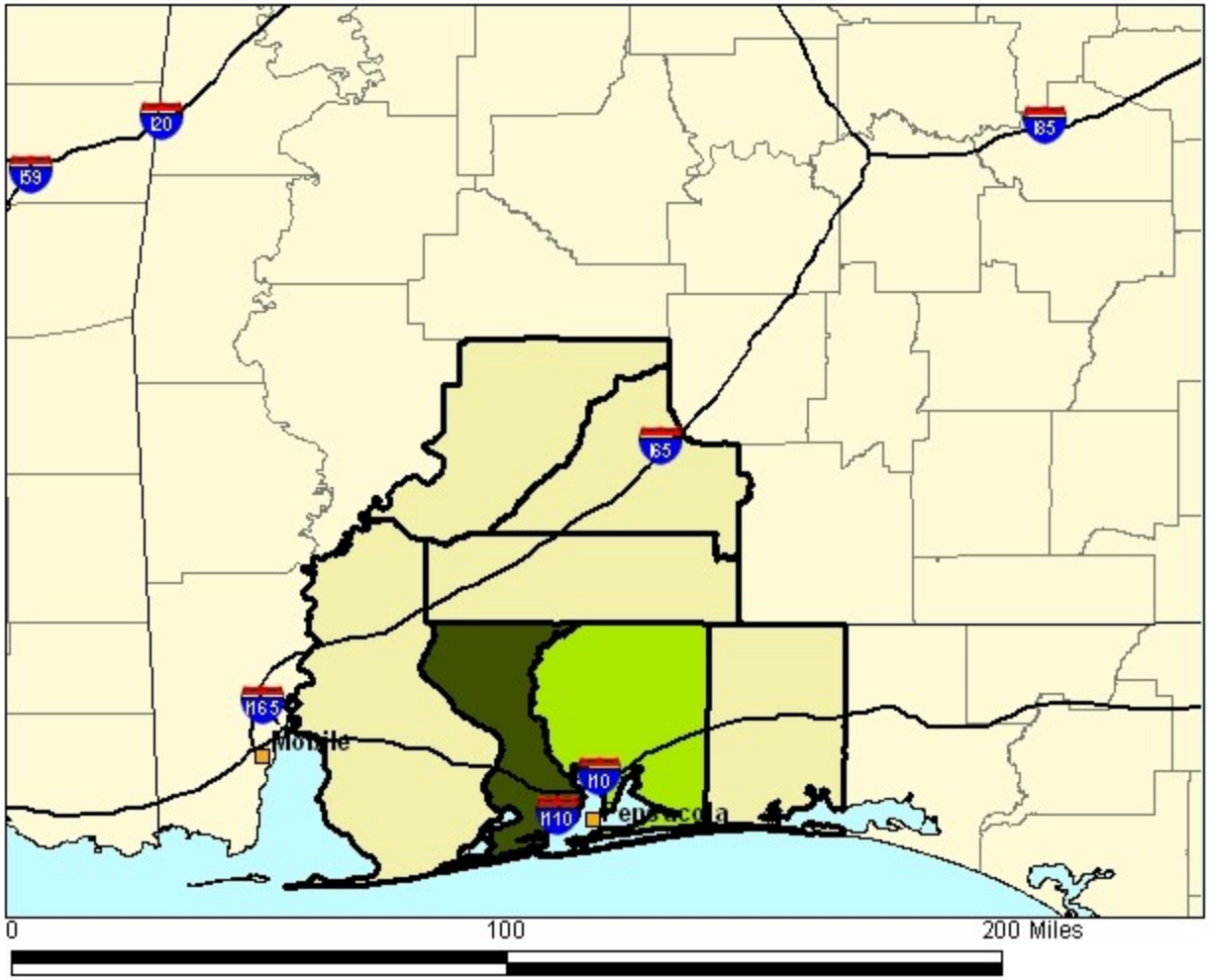

Post Landfall Temporary Roofing Model Results

Florida - 14,700
Alabama - 700

Model results per county on following page

This model is based on a Category 3 storm making landfall near Pensacola, FL.

Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall near Pensacola, FL. These projections are based on information from the NHC (0830 EDT 06/05/2007) forecast. Temporary roofing is based on 2% in CAT 1, 6% in CAT 2 and 10% in CAT 3.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

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US Army Corps of Engineers

Hurricane Exercise Temporary Roofing Model

Landfall Expected In About **4** Hours

For Official Use Only!

State	House Units per State	County	House Units per County
Alabama		Baldwin	300
		Conecuh	< 100
		Escambia	400
		Monroe	< 100
Alabama	700		
Florida		Escambia	10,100
		Okaloosa	200
		Santa Rosa	4,400
Florida	14,700		

THIS IS AN EXPERIMENTAL MODEL!!

Temporary roofing is based on 2% in CAT 1, 6% in CAT 2 and 10% in CAT 3.

Details about this model may be obtained at https://englink.usace.army.mil
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Hurricane Exercise Roofing Model

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Sources:
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LRL-DEBRIS